

INTERNATIONAL SEARCH REPORT

PCT/GB 03/00062

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 A61K38/17 A61K38/26 A61P3/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

WPI Data, EPO-Internal, PAJ, BIOSIS, EMBASE, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|-----------------------|
| X | WO 00 47219 A (LU HUANG HUI ; ONTOGENY INC (US); PANG KEVIN (US)) 17 August 2000 (2000-08-17) claims page 34, line 3 - line 12 | 1-57 |
| A | US 6 191 102 B1 (EFENDIC SUAD ET AL) 20 February 2001 (2001-02-20) claims | 1-57 |
| A | WO 01 51078 A (AMYLIN PHARMACEUTICALS INC) 19 July 2001 (2001-07-19) claims | 1-57 |
| | -/- | |

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

10 September 2003

Date of mailing of the international search report

19/09/2003

Name and mailing address of the ISA
 European Patent Office, P.B. 5818 Patentlaan 2
 NL - 2280 HV Rijswijk
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
 Fax (+31-70) 340-3016

Authorized officer

Böhmerova, E

INTERNATIONAL SEARCH REPORT

PCT/GB 03/00062

| C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT | | |
|--|---|-----------------------|
| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
| A | ROSSI M ET AL: "Central nervous system neuropeptides involved in obesity." HANDBOOK OF EXPERIMENTAL PHARMACOLOGY, vol. 149, 2000, pages 313-341, XP001154661 2000 Springer-Verlag GmbH & Co. KG;Springer-Verlag New York Inc. Heidelberger Platz 3, D-14197, Berlin, Germany; 175 Fifth Avenue, New York, NY, 10010-7858, USA ISSN: 0171-2004 the whole document | 1-57 |
| A | CLAPHAM J C ET AL: "ANTI-OBESITY DRUGS: A CRITICAL REVIEW OF CURRENT THERAPIES AND FUTURE OPPORTUNITIES" PHARMACOLOGY AND THERAPEUTICS, ELSEVIER, GB, vol. 89, no. 1, 2001, pages 81-121, XP001120530 ISSN: 0163-7258 the whole document | 1-57 |
| P,X | WO 02 47712 A (PITTNER RICHARD A ;YOUNG ANDREW A (US); AMYLIN PHARMACEUTICALS INC) 20 June 2002 (2002-06-20) claims page 6, line 25 -page 8, line 4 | 1-57 |

INTERNATIONAL SEARCH REPORT

PCT/GB 03/00062

Box I Observations where certain claims were found unsearchable (Continuation of Item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

Although claims 1 - 33 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of Item 2 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

PCT/GB 03/00062

| Patent document cited in search report | Publication date | Patent family member(s) | Publication date |
|---|---------------------|----------------------------|---------------------|
| WO 0047219 A | 17-08-2000 | AU 3486800 A | 29-08-2000 |
| | | CA 2360324 A1 | 17-08-2000 |
| | | EP 1189629 A2 | 27-03-2002 |
| | | JP 2003518914 T | 17-06-2003 |
| | | WO 0047219 A2 | 17-08-2000 |
| US 6191102 B1 | 20-02-2001 | AT 234112 T | 15-03-2003 |
| | | AU 734042 B2 | 31-05-2001 |
| | | AU 5245798 A | 29-05-1998 |
| | | DE 69719798 D1 | 17-04-2003 |
| | | DK 946191 T3 | 14-07-2003 |
| | | EP 1306092 A2 | 02-05-2003 |
| | | EP 0946191 A1 | 06-10-1999 |
| | | HU 0003314 A2 | 28-02-2001 |
| | | NO 992557 A | 15-06-1999 |
| | | NZ 335995 A | 23-02-2001 |
| | | PL 334317 A1 | 14-02-2000 |
| | | PT 946191 T | 30-06-2003 |
| | | WO 9819698 A1 | 14-05-1998 |
| | | US 6583111 B1 | 24-06-2003 |
| | | ZA 9709904 A | 25-05-1998 |
| WO 0151078 A | 19-07-2001 | AU 2413600 A | 01-08-2000 |
| | | AU 2638001 A | 24-07-2001 |
| | | AU 3581900 A | 01-08-2000 |
| | | BR 0007820 A | 20-11-2001 |
| | | BR 0007823 A | 20-11-2001 |
| | | CA 2356331 A1 | 20-07-2000 |
| | | CA 2356706 A1 | 20-07-2000 |
| | | CA 2396157 A1 | 19-07-2001 |
| | | CN 1384755 T | 11-12-2002 |
| | | CN 1347327 T | 01-05-2002 |
| | | EP 1143989 A2 | 17-10-2001 |
| | | EP 1140145 A2 | 10-10-2001 |
| | | EP 1246638 A1 | 09-10-2002 |
| | | JP 2002534450 T | 15-10-2002 |
| | | JP 2002538084 T | 12-11-2002 |
| | | JP 2003519667 T | 24-06-2003 |
| | | NO 20013468 A | 14-09-2001 |
| | | NO 20013469 A | 14-09-2001 |
| | | WO 0041546 A2 | 20-07-2000 |
| | | WO 0041548 A2 | 20-07-2000 |
| | | WO 0151078 A1 | 19-07-2001 |
| | | US 2003087820 A1 | 08-05-2003 |
| | | US 2003036504 A1 | 20-02-2003 |
| WO 0247712 A | 20-06-2002 | AU 3084302 A | 24-06-2002 |
| | | WO 0247712 A2 | 20-06-2002 |
| | | US 2002141985 A1 | 03-10-2002 |